	G1y 545	GIY	Gin	. Val	Ser	550		. Met	Pro	Leu	555 555	_	Thr	Met	Glu	Ile 560
5	Gly	Glu	Asn	Leu	Thr 565		Arg	Thr	Phe	Arg 570		Thr	Asp	Phe	Ser 575	Asn
	Pro	Phe	Ser	Phe 580		Ala	Asn	Pro	Asp 585	Ile	Ile	Gly	Ile	Ser 590	Glu	Gln
10	Pro	Leu	Phe 595	Gly	Ala	Gly	Ser	Ile 600	Ser	Ser	Gly	Glu	Leu 605	Tyr	Ile	Asp
15	Lys	Ile 610	Glu	Ile	Ile	Leu	Ala 615	Asp	Ala	Thr	Phe	Glu 620	Ala	Glu	Ser	Asp
	Leu 625	Glu	Arg	Ala	Gln	Lys 630	Ala	Val	Asn	Ala	Leu 635	Phe	Thr	Ser	Ser	Asn 640
20	Gln	Ile	Gly	Leu	Lys 645	Thr	Asp	Val	Thr	Asp 650	Tyr	His	Ile	Asp	Gln 655	Val
and species are species are species and species are species and species are species are species and species are sp	Ser	Asn	Leu	Val 660	Asp	Cys	Leu	Ser	Asp 665	Glu	Phe	Cys	Leu	Asp 670	Glu	Lys
25.j	Arg	Glu	Leu 675	Ser	Glu	Lys	Val	Lys 680	His	Ala	Lys	Arg	Leu 685	Ser	Asp	Glu
30	Arg	Asn 690	Leu	Leu	Gln	Asp	Pro 695	Asn	Phe	Arg	Gly	Ile 700	Asn	Arg	Gln	Pro
2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	Asp 705	Arg	Gly	Trp	Arg	Gly 710	Ser	Thr	Asp	Ile	Thr 715	Ile	Gln	Gly	Gly	Asp 720
35 miles of the second	Asp	Val	Phe	Lys	Glu 725	Asn	Tyr	Val	Thr	Leu 730	Pro	Gly	Thr	Val	Asp 735	Glu
in rein	Cys	Tyr	Pro	Thr 740	Tyr	Leu	Tyr	Gln	Lys 745	Ile	Asp	Glu	Ser	Lys 750	Leu	Lys
40	Ala	Tyr	Thr 755	Arg	Tyr	Glu	Leu	A rg 760	Gly	Tyr	Ile	Glu	Asp 765	Ser	Gln	Asp
45	Leu	Glu 770	Ile	Tyr	Leu	Ile	Arg 775	Tyr	Asn	Ala	Lys	His 780	Glu	Ile	Val	Asn
	Val 785	Pro	Gly	Thr	Gly	Ser 790	Leu	Trp	Pro	Leu	Ser 795	Ala	Gln	Ser	Pro	Ile 800
50	Gly	Lys	Cys	Gly	Glu 805	Pro	Asn	Arg	Cys	Ala 810	Pro	His	Leu	Glu	Trp 815	Asn
	Pro	Asp	Leu	Asp 820	Cys	Ser	Cys	Arg	Asp 825	Gly	Glu	Lys	Cys	Ala 830	His	His

	Ser	His	His 835		Thr	Leu	«Asp	1le 840		Val	Gly	Cys	Thr 845	~	Leu	Asn
5	Glu	Asp 850		Gly	Val	Trp	Val 855		Phe	Lys	Ile	Lys 860	Thr	Gln	Asp	Gly
	His 865		Arg	Leu	Gly	Asn 870	Leu	Glu	Phe	Leu	Glu 875	Glu	Lys	Pro	Leu	Leu 880
10	Gly	Glu	Ala	Leu	Ala 885	Arg	Val	Lys	Arg	Ala 890	Glu	Lys	Lys	Trp	Arg 895	Asp
15	Lys	Arg	Glu	Lys 900	Leu	Gln	Leu	Glu	Thr 905	Asn	Ile	Val	Tyr	Lys 910	Glu	Ala
	Lys	Glu	Ser 915	Val	Asp	Ala	Leu	Phe 920	Val	Asn	Ser	Gln	Tyr 925	Asp	Arg	Leu
20	Gln	Val 930	Asp	Thr	Asn	Ile	Ala 935	Met	Ile	His	Ala	Ala 940	Asp	Lys	Arg	Val
25	His 945	Arg	Ile	Arg	Glu	Ala 950	Tyr	Leu	Pro	Glu	Leu 955	Ser	Val	Ile	Pro	Gly 960
ļ.ā	Val	Asn	Ala	Ala	Ile 965	Phe	Glu	Glu	Leu	Glu 970	Gly	Arg	Ile	Phe	Thr 975	Ala
₹.] \$0	Tyr	Ser	Leu	Tyr 980	Asp	Ala	Arg	Asn	Val 985	Ile	Lys	Asn	Gly	Asp 990	Phe	Asn
THE STATE OF THE S	Asn	Gly	Leu 995	Leu	Cys	Trp	Asn	Val 1000	Lys)	Gly	His	Val	Asp 1005		Glu	Glu
351 1	Gln	Asn 1010		His	Arg	Ser	Val 1015		Val	Ile	Pro	Glu 1020	-	Glu	Ala	Glu
,	Val 1025		Gln	Glu	Val	Arg 1030		Cys	Pro	Gly	Arg 1035	_	Tyr	Ile	Leu	Arg 1040
40	Val	Thr	Ala	Tyr	Lys 1045		Gly	Tyr	Gly	Glu 1050		Cys	Val	Thr	Ile 1055	
45	Glu	Ile	Glu	Asp 1060		Thr	Asp	Glu	Leu 1065	_	Phe	Ser	Asn	Cys 1070		Glu
	Glu	Glu	Val 1075	-	Pro	Asn	Asn	Thr 1080	Val	Thr	Cys	Asn	Asn 1085	_	Thr	Gly
50	Thr	Gln 1090		Glu	Tyr	Glu	Gly 1095		Tyr	Thr	Ser	Arg 1100		Gln	Gly	Tyr
	Asp 1105		Ala	Tyr	Gly	Asn 1110		Pro	Ser	Val	Pro		Asp	Tyr	Ala	Ser 1120

	Val	Туг	Glu	Glu	Lys 112		Tyr	Thr	Asp	Gly 113	_	Arg	Glu	Asn	Pro 113	-	
5	Glu	Ser	Asn	Arg 114	_	Tyr	Gly	Asp	Tyr 114		Pro	Leu	Pro	Ala 115	-	Tyr	
	Val	Thr	Lys 115	Asp 5	Leu	Glu	Tyr	Phe 116		Glu	Thr	Asp	Lys 116		Trp	Ile	
10	Glu	Ile 117		Glu	Thr	Glu	Gly 117		Phe	Ile	Val	Asp 118		Val	Glu	Leu	
15	Leu 118		Met	Glu	Glu												-
	(2)	INF	ORMAT	rion	FOR	SEQ	ID 1	10 : 3 :	:								
20	(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 3567 base pairs(B) TYPE: nucleic acid																
AND ACTION AND ACTION AND ACTION AND ACTION AND ACTION AND ACTION			((C) ST C) TO	RANI	EDNE	ESS:	sing									
25 the other of 100 other than 100 of 100 other than 100 other tha	(ix) FEATURE: (A) NAME/KEY: CDS (B) LOCATION: 13567																
30		(xi)	SEÇ	UENC	E DE	SCRI	PTIC	N: S	EQ I	D NO):3:						
No. of the state o				AAT . Asn .													48
35				GAA (Glu '			Leu	Asp	Gly	Glu		Ile	Ser				96
40				GAT . Asp													144
45				GGG (192
50				GGC Gly													240
				AAT ·													288